

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-2022 (1-98)

* MAY BE USED FOR ADDITIONAL CLAIMS OR AMENDMENTS

AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
IND.	DEP.	IND.	DEP.	IND.	DEP.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
TOTAL IND.	42				
TOTAL DEP.	94				
TOTAL CLAIMS	136				

AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT	
IND.	DEP.	IND.	DEP.	IND.	DEP.
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95					
96					
97					
98					
99					
100					
TOTAL IND.					
TOTAL DEP.					
TOTAL CLAIMS					

CLAIMS

CLAIMS ONLY

APPLICANT(S)

09882595

FILING DATE

11-15-01

SERIAL NO.